Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 09 Feb 2021 until 23:59 on Wednesday 10 Feb 2021

Forecast Issued on Monday 08 Feb 2021 at 15:23

Confidence: High for very cold conditions through the coming days. Low from Friday with uncertainty in the progress of weather fronts invading from the west.

Headline for Tuesday 09 Feb 2021: Very cold with a few snow showers. Windy.

Mountain weather hazards on Tuesday 09 Feb 2021

Blizzards
Low Likelihood

Heavy Snow
Low Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
High Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Light snow	Light snow showers	Light snow showers	Light snow showers	Light snow	Light snow
Precipitation probability							
60%	60%	60%	60%	60%	60%	60%	60%

Forecast for Tuesday 09 Feb 2021

Weather: Bright or clear intervals and occasional snow showers, some heavy with an additional 5-10cm of new snow in places. Heaviest showers may bring temporary blizzard conditions with squally winds and blowing snow. Bitterly cold at all levels with severe wind chill.

Chance of cloud free mountain/hill tops above 600m: 40%.

Visibility: Occasionally down to a few hundred metres or less at times in showers with patchy cloud above 400 or 500m. Spells of excellent visibility between showers but some blowing snow in the strong winds.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 09 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/30 NE	21/27 NE	20/26 NE	24/31 E	24/31 E	22/29 E	24/33 NE	24/31 NE	22/30 NE
300	16/23 NE	15/21 NE	14/21 NE	16/22 E	17/25 E	17/25 E	17/25 NE	16/24 NE	14/22 NE
Valley	11/25 NE	10/23 NE	10/23 NE	11/24 E	13/26 E	13/25 E	12/27 E	11/25 NE	9/22 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-6/-14	-6/-14	-6/-14	-6/-15	-5/-14	-5/-14	-6/-15	-6/-15	-6/-15
300	-3/-10	-3/-10	-3/-10	-3/-10	-2/-9	-2/-9	-3/-10	-4/-10	-4/-10
Valley	-2/-8	-2/-8	-3/-8	-2/-8	-1/-6	-1/-7	-2/-8	-3/-9	-3/-8
Freezing Level*	00m	00m	00m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Bitterly cold at all levels. Full winter clothing and equipment will be required including full face coverings and goggles.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 08 Feb 2021	0mm	0mm	0mm

Forecast for Wednesday 10 Feb 2021

Weather: Bright or clear intervals and scattered snow showers. Bitterly cold at all levels with severe wind chill but winds gradually easing down.

Maximum wind: East or northeast 15-20mph, gusts 30mph, decreasing 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 70%.

Visibility: Short spells of poor visibility down to a few hundred metres at times in showers with patchy cloud above 400 or 500m. Longer spells of excellent visibility between showers.

Temperature: **Valleys:** Minus 2C rising to Plus 1C.
At 600m: Minus 6C.
Freezing level: Ground frozen at all levels.

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